

Amendments to the Specification

Please amend the paragraph that begins at page 2, line 8 as follows:

JP-A-52-112263 discloses a waveform shaping circuit, which changes the inclination of one of the rising slope and the falling slope of a trapezoid signal in the middle of the slope. This circuit increases the inclination of the sharper one of the inclination-changed slopes to be sharper than the inclination of the other slope, which is not inclination-changed. This circuit decreases the inclination of the ~~less-sharper~~ less sharp one of the inclination-changed slopes to be ~~less-sharper~~ less sharp than the inclination of the other slope, which is not inclination-changed. Specifically, this circuit has a capacitor, and changes a charging and discharging current of the capacitor in steps according to the terminal voltage of the capacitor.

Please amend the paragraph that begins at page 2, line 21 as follows:

In the voltage V_o (trapezoid signal) thus generated, the inclination ~~stepwisely~~ changes in a stepwise manner at the shoulder portions of its rising portion and falling portion (increase/decrease starting portion or increase/decrease ending portion). As a result, it is difficult to sufficiently reduce the harmonic components. Therefore, the above prior art proposes to reduce changes of the inclination at the shoulder portions by changing the charging and discharging current in steps. In case of changing the charging and discharging current in steps in accordance with the terminal voltage of the capacitor 2, however, comparators in the number corresponding to the number of change steps are necessitated. The circuit size will be complicated more as the waveform is smoothed more.